

Justin T. Adap

🌐 adapjustin.github.io

🌐 linkedin.com/in/justin-adap

🌐 github.com/AdapJustin

📍 Quezon City, NCR

✉ justin.t.adap@gmail.com

☎ +63 966 362 0167

EDUCATION

University of Santo Tomas, Manila – BS Computer Science specializing in Core CS

August 2019 - June 2023

- Dean's List - 1st & 2nd Semester (2020-2023)
- Best Thesis Award – CS Colloquium 2023

EXPERIENCE

Web Developer Intern – The Coding School

Feb 2023 - Jun 2023

- Created a full-stack web development course covering React, Node, ExpressJS, and Fetch API
- Revised courses covering HTML, CSS, Bootstrap, and jQuery
- Managed the company's Shopify website

SKILLS

Languages: Java, JavaScript, Python, HTML, CSS, SQL

Frameworks: Spring, JavaFX, ReactJS, ExpressJS, Jest, Flutter

Tools: NodeJS, MySQL, Git, GitHub, Android Studio, Figma

PROJECTS

Thesis Project | *Python, scikit-learn*

- Collaborated with a team to develop a system for the thesis titled "Solving Dynamic Multi Depot Vehicle Routing Problem using Modified Hybrid Ant Colony Optimization."
- Designed and tested several classification and clustering algorithms to assign the customers to the nearest depots.
- Modified the optimization algorithms to use 3-opt and Crossover operator along with Ant Colony Optimization algorithm to achieve better distance results in exchange for an increased run time.

Scentopia – A Fragrance Online Store | *JavaScript, React, Node, ExpressJS, MySQL, Jest*

- A personal full-stack web application project: designed a mockup using Figma, developed a component-based project using React for the frontend, Node and ExpressJS for the backend, MySQL for the database, and Jest for unit testing.

Compiler and Interpreter | *Java*

- Lead developer of a simple java inspired Compiler using LL(1) top-down parser. It translates the source code into machine code, which is then interpreted by the Interpreter.
- Designed a LL(1) grammar and parsing table
- Developed a parse and syntax tree data structure to verify whether the input source code conforms to the grammar rules of the programming language.

PC Ecommerce Shop | *HTML, CSS, JavaScript, Java, Spring, MySQL*

- Lead developer of a full-stack web application that showcases a wide variety of PC parts with built-in PC builder.
- Designed the system architecture of the website.
- Developed controllers, models, and JSP pages based on the MVC architecture.